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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Monif, Gilles R.G.

Group Art Unit: 1645

Application No: 10/665,233

Examiner: Swartz, R.

Filed: 09/17/2003

Paper No. ____

For: *Mycobacterium Avium* Subspecies *Paratuberculosis* Oral Vaccine and Methods

AMENDMENTS RESPONDING TO 02 JUNE 2004 OFFICE ACTION

IN U.S. APPLICATION NO. 10/665,233

Honorable Commissioner of Patents and Trademarks

PO Box 1450
Alexandria, VA 22313

Sir:

In response to the 02 June 2004 Office Action in the above-identified application, please consider the following amendments and arguments supporting allowance of the claimed subject matter: